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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/649,337
Applicant : Thomas A. Hillerich, Jr.
Filed : August 27, 2003
TC/A.U. : 3652
Examiner : To be assigned

Docket No. : 2662-155
Customer No. : 06449
Confirmation No. : 4608

INFORMATION DISCLOSURE STATEMENT

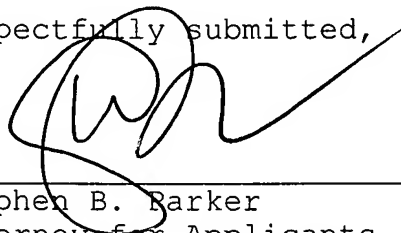
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

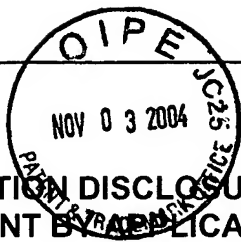
Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants submit herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

Respectfully submitted,

By



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/649,337
Filing Date	August 27, 2003
First Named Inventor	Thomas A. Hillerich, Jr.
Group Art Unit	3652
Examiner Name	To be assigned

Sheet	1	of	6	Attorney Docket Number	2662-155
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A	4,446,962		Burkhardt	May 8, 1984
	B	4,509,635		Emsley et al.	April 9, 1985
	C	4,699,277		Baxter	October 13, 1987
	D	4,725,182		Sakamoto et al.	February 16, 1988
	E	4,730,730		Clarkson	March 15, 1988
	F	4,757,985		Hamant et al.	July 19, 1988
	G	4,863,037		Stevens et al.	September 5, 1989
	H	4,895,242		Michel	January 23, 1990
	I	5,044,877		Constant et al.	September 3, 1991
	J	5,054,992		Hognestad et al.	October 8, 1991
	K	5,104,109		Kubo	April 14, 1992
	L	5,106,254		Tolasch et al.	April 21, 1992
	M	5,119,954		Svyatsky et al.	June 9, 1992
	N	5,183,378		Asano et al.	February 2, 1993
	O	5,239,182		Tateyama et al.	August 24, 1993

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⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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		Number	Kind Code ² (if known)		
	P	5,244,199		Wood	September 14, 1993
	Q	5,266,812		Mokuo	November 30, 1993
	R	5,273,392		Bernard, II et al.	December 28, 1993
	S	5,360,316		O'Mara et al.	November 1, 1994
	T	5,364,592		Lewis et al.	November 15, 1994
	U	5,379,992		Holmes et al.	January 10, 1995
	V	5,419,457		Ross et al.	May 30, 1995
	W	5,535,874		Ross et al.	July 16, 1996
	X	5,593,269		Bernard, II	January 14, 1997
	Y	5,692,867		Kondo et al.	December 2, 1997
	Z	5,695,071		Ross et al.	December 9, 1997
	AA	5,713,713		Syde et al.	February 3, 1998
	AB	5,733,093		Palm et al.	March 31, 1998
	AC	5,826,744		Kwasniewski et al.	October 27, 1998

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		Number	Kind Code ² (if known)		
	AD	5,829,742		Rabindran et al.	November 3, 1998
	AE	5,897,290		Lu et al.	April 27, 1999
	AF	5,906,468		Vander Syde et al.	May 25, 1999
	AG	5,934,666		Rabindran et al.	August 10, 1999
	AH	5,934,866		Redden	August 10, 1999
	AI	5,957,448		Frank et al.	September 28, 1999
	AJ	5,964,564		Hanon et al.	October 12, 1999
	AK	5,971,391		Salomon et al.	October 26, 1999
	AL	5,980,188		Ko et al.	November 9, 1999
	AM	5,993,132		Harres et al.	November 30, 1999
	AN	6,024,533		Redden	February 15, 2000
	AO	6,026,967		Isaacs et al.	February 22, 2000
	AP	6,032,946		Marshall et al.	March 7, 2000
	AQ	6,095,316		Redden	August 1, 2000

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		Number	Kind Code ² (if known)		
	AR	6,142,723		Kang	November 7, 2000
	AS	6,172,355	B1	Gast et al.	January 9, 2001
	AT	6,179,283	B1	Gerstenberg et al.	January 30, 2001
	AU	6,270,070	B1	Salomon et al.	August 7, 2001
	AV	6,217,020	B1	Supron et al.	April 17, 2001
	AW	6,276,509	B1	Schuster et al.	August 21, 2001
	AX	6,354,587	B1	Engarto	March 12, 2002
	AY	6,390,756	B1	Isaacs et al.	May 21, 2002
	AZ	6,431,369	B1	Boller et al.	August 13, 2002
	BA	6,454,253	B1	Tranquilla	September 24, 2002
	BB	6,503,044	B1	Enenkel	January 7, 2003
	BC	6,511,062	B1	Blackwell et al.	January 28, 2003
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	BE	6,575,306	B1	Schuster et al.	June 10, 2003

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		Number	Kind Code ² (if known)				
	BF	6,585,256	B2	Blackwell et al.	July 1, 2003		
	BG	6,612,565	B2	Blackwell et al.	September 2, 2003		
	BH	6,618,645	B2	Bacchi et al.	September 9, 2003		
	BI	6,619,647	B2	Post et al.	September 16, 2003		
	BJ	6,629,691	B2	Niiyama et al.	October 7, 2003		
	BK	6,679,491	B2	Luebben et al.	January 20, 2004		
	BL	6,702,281	B2	Post et al.	March 9, 2004		
	BM	6,719,519	B2	Liehs	April 13, 2004		
	BN	2002/0003330	A1	Neri et al.	January 10, 2002		
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	BR	2002/0125177	A1	Burns et al.	September 12, 2002		
	BS	2002/0153654	A1	Blackwell et al.	October 24, 2002		
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	BU	2003/0015834	A1	Post et al.	January 23, 2003
	BV	2003/0015835	A1	Post et al.	January 23, 2003
	BW	2003/0103838	A1	Liehs	June 5, 2003
	BX	2003/0141651	A1	Berdelle-Hilge et al.	July 31, 2003
	BY	2004/0065596	A1	Hanson	April 8, 2004
	BZ	2004/0065597	A1	Hanson	April 8, 2004

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